

**10/518632**  
PATENT

**DT01 Rec'd PCT/PTC 20 DEC 2004**

**IN THE U.S. PATENT AND TRADEMARK OFFICE**

In re application of

Jean-Claude DULAC et al.

Conf.

Application No. **NEW NATIONAL PHASE**

Group

Filed December 20, 2004

Examiner

PROCESS, DEVICE AND SOFTWARE PACKAGE FOR LOCALLY DETERMINING THE  
SHAPE OF GEOLOGICAL HORIZONS

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

December 20, 2004

Sir:

The following preliminary amendments and remarks are respectfully submitted in connection with the above-identified application.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begin on page 3 of this paper.

**Remarks** begin on page 9 of this paper.

An **Appendix** is attached following the signature page of this paper.